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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/585,231	05/30/2000	Sandeep Kishan Singhal	Boc9-1999-0086/1582P	4912

7590 05/06/2004
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EXAMINER

NAJJAR, SALEH

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 05/06/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/585,231

Applicant(s)

SINGHAL ET AL.

Examiner

Saleh Najjar

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 and 51-58 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-30 and 51-58 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 5.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

1. This action is responsive to the amendment filed February 6, 2004. Claims 1, 9, and 17 were amended. Claims 31-50 were canceled. Claims 1-30, and 51-58 are pending.

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1-2, 4-7, 9-10, 12-15, 17-18, 20-23, 25-27, 29-30, and 51-58 are rejected under 35 U.S.C. 103(a) as being unpatentable over Martin Jr. et al., U.S. Patent No. 6,363,419.

Martin teaches the invention substantially as claimed including a method and apparatus for generating idle loop screen displays on mobile wireless devices (see abstract).

As to claim 1, Martin teaches a method for increasing ease-of-use and bandwidth utilization in a wireless device capable of accessing a communication network, comprising the steps of:

(a) maintaining content address identifiers that are categorized by environmental

factors (see figs. 1-4; col. 11, lines 35-60, Martini discloses that content address identifiers are organized for targeting according to geographical location of the mobile device);

(b) receiving information by a network server about the wireless device's environment (see col. 11, Martin discloses that handoff from one geographic location of the mobile device is reported to the server);

(c) querying the database using the environment information to determine web sites most likely to be requested by a user of the wireless device in that environment (see col. 4; col. 112, Martin discloses that proxy server interrogates the content servers 110 or 112 for targeted content addresses related to the geographical position of the mobile device);

(d) pushing identifiers of the web sites identified to be most likely to be requested to the wireless device for selection by the user, wherein server policies determine which web site identifiers are sent to the device (see col. 4; col. 112, Martin discloses that proxy server broadcasts targeted content addresses related to the geographical position of the mobile device); and

(e) automatically pushing content from one or more of the identified web sites to the device in times when bandwidth is not in use to speed responsiveness of the device (see col. 9-11).

Martin fails to teach the limitation of maintaining a database of web site identifiers. Martin does teach that the proxy server retrieves targeted idle content identifiers based on the mobile device geographical position from content servers 110 and 112 (see figs. 1-4; col. 7-11).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Martin by specifying the servers 110 or 112 as the web site database since the same functionality of maintaining targeted content is achieved.

As to claim 2, Martin teaches the method of claim 1 further including the step of providing geographic location as the environment information (see col. 11).

As to claim 4, Martin teaches the method of claim 1 further including the step of providing time and date as the environment information (see col. 11).

As to claim 5, Martin discloses the method of claim 1 further including the step of personalizing which identifiers are pushed based on personalization information (see col. 7-11).

As to claim 6, Martin teaches the method of claim 1 further including the step of providing URLs as the identifiers (see col. 10-11).

As to claim 7, Martin teaches the method of claim 1 further including the step of sending a location specific welcome page (LSWP) to the wireless device for display (see col. 7-11).

Claims 9-10, 12-15, 17-18, 20-23, 25-27, 29-30, and 51-58 do not teach or define any new limitations above claims 1-2, 4-7 and therefore are rejected for similar reasons.

4. Claims 3, 11, 19, and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Martin further in view of Hancock et al., U.S. Patent No. 6,202,023.

Martin teaches the invention substantially as claimed including a method and apparatus for generating idle loop screen displays on mobile wireless devices (see abstract).

As to claim 3, Martin teaches the method of claim 1.

Kim does fails to teach the limitation further including the step of providing local weather as the environment information. Martin does teach that current network conditions such as weather related information may be pushed to the mobile device (see col. 6).

However, Hancock teaches a Internet based geographic location referencing system and method (see abstract). Hancock teaches the step of providing local weather as the environment information (see col. 29, Hancock discloses that weather conditions are reported to the server to provide more accurate predictions on what web site data is appropriate for the device).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Martin in view of Hancock so that weather is reported to the server to relate web sites for the environmental conditions where the client is available. One

would be motivated to do so to provide more accurate predictions on web site data that is likely to be requested.

Claims 11, 19, and 28 do not teach or define any new limitations above claim 3 and therefore are rejected for similar reasons.

5. Claims 8, 16, and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Martin further in view of Giangarra et al., U.S. Patent No. 6,101,472.

Martin teaches the invention substantially as claimed including a method and apparatus for generating idle loop screen displays on mobile wireless devices (see abstract).

As to claim 8, Martin teaches the method of claim 1.

Martin fails to teach the claimed limitation of pushing keyword URLs to the wireless device for speech recognition matching.

However, Giangarra teaches a system and method for navigating a network using voice command (see abstract). Giangarra teaches pushing keyword URLs to the wireless device for speech recognition matching (see col. 3-8).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Martin by providing access to links through voice commands as taught by Giangarra. One would be motivated to do so to provide simple speech command interface to a browser.

Claims 16, and 24 do not teach or define any new limitation above claim 8 and therefore are rejected for similar reasons.

6. Applicant's arguments with respect to claims 1-30, and 51-58 have been considered but are moot in view of the new ground(s) of rejection.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saleh Najjar whose telephone number is (703) 308-7613. The examiner can normally be reached on Monday-Friday from 6:30 to 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Ario Etienne*, can be reached on (703) 308-7562. The fax phone number for this Group is (703) 308-9052.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-9600. The fax number for the After-Final correspondence/amendment is (703) 746-7238. The fax number for official correspondence/amendment is (703) 746-7239. The fax number for Non-official draft correspondence/amendment is (703) 746-7240.

A handwritten signature in black ink, appearing to read 'Saleh Najjar', with a stylized, cursive script.

Saleh Najjar

Primary Examiner / Art Unit 2157